

# TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104  
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## PRODUCT EVALUATION

WIN-1871

Effective Date: March 1, 2014

Reevaluation Date: **November 2016**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

**Series 542/862 Vinyl Fixed Windows, New and Replacement Construction, Non-impact Resistant,**  
manufactured by:

**Maritech Windows**  
1813 Kelly Blvd.  
Carrollton, Texas 75006  
Telephone: (469) 568-5636  
[www.maritechwindows.com](http://www.maritechwindows.com)

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 542/862 Vinyl Fixed Window; (O)	CW-PG70 60 x 84 - FW	± 70 psf
2	Series 542/862 Vinyl Fixed Window; (O)	R-PG60 48 x 96 - FW	± 60 psf

### Product Dimensions:

System	Overall Size
1	60.00" x 84.00"
2	48.00" x 96.00"

### Product Identification:

System		
1, 2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Maritech Windows, Inc.
	Product Name	542/862 Vinyl Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

### Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

**Installation (New Construction):**

**Systems 1 and 2:** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window shall be secured to the wall framing using the nailing fin of the window with minimum No. 8 screws or minimum 0.120" x 2  $\frac{3}{8}$ " smooth shank nails. The fasteners shall be located approximately 4 inches from each corner and 8 inches on center. The fasteners shall be long enough to penetrate 1  $\frac{1}{2}$  inches into the wall framing.

**Installation (Replacement Construction):**

**Systems 1 and 2:** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window shall be secured to the wall framing using the frame of the window with minimum No. 10 x 2  $\frac{1}{2}$ " screws. Along the long dimension of the window, a minimum of nine fasteners are required, evenly spaced. Along the short dimension of the window, a minimum of seven fasteners are required, evenly spaced. No fasteners are required in the sill. The fasteners shall be long enough to penetrate 1  $\frac{1}{2}$  inches into the wall framing.

**Note:** The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.